REDUCING THE LENGTH OF SERVO-WEDGES IN A DISK DRIVE

ABSTRACT

A method for reducing the length of servo-wedges in a disk drive comprising a concentric tracks, each track comprising embedded servo-wedges each having a track identification field (TIF) and a servo-wedge identification field (WIF), wherein the embedded servo-wedges are grouped into servo-wedge groups comprising a first and second sub-group of servo-wedges. The method includes selecting a servo-wedge from a selected servo-wedge group; storing a first subset of a track identification data (TID) corresponding to a selected track in TIF of selected servo-wedge; storing a second subset of TID in a first portion of WIF of selected servo-wedge if selected servo-wedge is in second sub-group; storing a first wedge identification data (WID) corresponding to selected servo-wedge in a second portion of the WIF if selected servo-wedge is in second sub-group; and storing a second WID corresponding to selected servo-wedge in WIF if selected servo-wedge is in first sub-group.